

**UTILITY PATENT  
APPLICATION TRANSMITTAL**

(Only for new non-provisional applications  
under 37 CFR 1.53(b))

Check Box, if applicable ☐ Duplicate

Attorney Docket No.

**030778**

Total Pages

First Named Inventor or Application Identifier

**Shinji SAEKI and Hisatoshi HIROTA**

Express Mail Label No.

17853 U.S. PTO  
10/8/1299

APPLICATION ELEMENTS For:

**METHOD OF CONTROLLING REFRIGERATION  
CYCLE**

ADDRESS TO:

Commissioner for Patents  
MAIL STOP BOX PATENT APPLICATIONS  
P.O. Box 1450  
Alexandria, VA. 22313-1450

1. ☒ Fee Transmittal Form (Incorporated within this form)  
(Submit an original and a duplicate for fee processing)
2. ☒ Specification Total Pages **[59]**
3. ☒ Drawing(s) (35 USC 113) Total Sheets **[19]**
4. ☒ Oath or Declaration Total Pages **[2]**
  - a. ☒ Newly executed (original)
  - b. ☐ Copy from prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed).
    - i. ☐ Deletion of Inventor(s)  
Signed statement attached deleting inventor(s) named in prior application,  
see 37 CFR 1.63(d)(2) and 1.33(b)
5. ☐ Incorporation by reference (useable if box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is  
supplied under Box 4b, is considered as being part of the disclosure of the accompanying  
application and is hereby incorporated by reference therein.
6. ☐ Microfiche Computer Program (Appendix)
7. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Copy
  - b. ☐ Paper Copy (identical to computer copy)
  - c. ☐ Statement Verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

8. ☒ Assignment Papers (cover sheet and documents(s)) to: TGK CO., LTD., Tokyo, Japan  
**Please publish the assignee data with the application.**
9. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney



07/07/03

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PAGE 2 OF 3

10. ☐ English translation Document (if applicable)
11. ☒ Information Disclosure Statement [1] Copy of IDS Citations (7 references) w/PTO-1449
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)
14. ☐ Small Entity Status is claimed.
15. ☒ Claim for Convention Priority [XX] One Certified copy of Priority Document is enclosed  
a. Priority of Japanese application no. 2002-198949 filed on July 8, 2002 is claimed under 35 USC 119.
16. ☐ Other \_\_\_\_\_
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:  
☐ Continuation ☐ Division ☐ Continuation-in-part (CIP) of prior application no. \_\_\_\_\_

FEE TRANSMITTAL	Number Filed	Number Extra	Rate	Basic Fee
The filing fee is calculated below				<b>\$750.00</b>
Total Claims	14 - 20		x \$18.00	
Independent Claims	2 - 3		x \$84.00	
Multiple Dependent Claims			\$280.00	
Filing Fee				<b>\$750.00</b>
Reduction by 1/2 for small entity				
Fee for recording enclosed Assignment			\$40.00	<b>\$ 40.00</b>
<b>TOTAL</b>				<b>\$790.00</b>

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**PAGE 3 OF 3**

☒ [XX] A check in the amount of \$790.00 is enclosed to cover the filing fee of \$750.00  
and the assignment recordation fee of \$40.00.

☐ [ ] Please charge our Deposit Account No. **01-2340** in the total amount of \_\_\_\_\_ to cover the  
filing fee and the \_\_\_\_\_ assignment recordation fee. A duplicate of this sheet is attached.

☒ [XX] The Commissioner is hereby authorized to charge payment for any additional filing fees  
required under 37 CFR 1.16 or credit any overpayment to Deposit Account No. **01-2340**.

**18. CORRESPONDENCE ADDRESS:**

Armstrong, Westerman & Hattori, LLP  
Suite 1000, 1725 K Street, N.W.  
Washington, D. C. 20006  
Tel: (202) 659-2930  
Fax: (202) 887-0357



**23850**

PATENT TRADEMARK OFFICE

Typed or Printed Name **Donald W. Hanson** Reg. No. **27,133**

Signature  Date: **July 7, 2003**

DWH:jaz